



# CITY COUNCIL

## AGENDA REQUEST

<b>AGENDA OF:</b>	<b>03-20-12</b>	<b>AGENDA REQUEST NO:</b>	<b>V-C</b>
<b>INITIATED BY:</b>	<b>ROSS WOODFIN</b> <i>RDW</i> <b>SR. PROJECT MANAGER</b>	<b>RESPONSIBLE DEPARTMENT:</b>	<b>ENGINEERING</b>
<b>PRESENTED BY:</b>	<b>ROBERT VALENZUELA, P.E., CFM</b> <b>ASST. CITY ENGINEER</b> <i>RV</i>	<b>DIRECTOR:</b>	<b>CHRISTOPHER STEUBING, P.E., CFM, CITY ENGINEER</b> <i>CL 5</i>
		<b>ADDITIONAL DIRECTOR (S):</b>	<b>MIKE GOODRUM, DIRECTOR OF PUBLIC WORKS</b> <i>MW 6</i>
<b>SUBJECT / PROCEEDING:</b>	<b>SWEETWATER BOULEVARD RECONSTRUCTION PROJECT, CIP No. ST1205 AWARD OF PRELIMINARY ENGINEERING CONTRACT TO AIA ENGINEERS LTD.</b>		
<b>EXHIBITS:</b>	<b>LOCATION MAP CONTRACT</b>		
<b>CLEARANCES</b>		<b>APPROVAL</b>	
<b>LEGAL:</b>	<b>EUGENIA CANO,</b> <b>ASST. CITY ATTORNEY</b> <i>EC</i>	<b>ASSISTANT CITY MANAGER:</b>	<b>KAREN DALY</b>
<b>PURCHASING:</b>	<b>TODD REED,</b> <b>PURCHASING MANAGER</b> <i>TR</i>	<b>ASSISTANT CITY MANAGER:</b>	<b>N/A</b>
<b>BUDGET:</b>	<b>JENNIFER BROWN</b> <i>JB</i> <b>DIRECTOR OF BUDGET &amp; RESEARCH</b>	<b>CITY MANAGER:</b>	<b>ALLEN BOGARD</b> <i>Allen Bogard</i>
<b>BUDGET</b>			
<b>EXPENDITURE REQUIRED: \$</b>		<b>100,000.00</b>	
<b>CURRENT BUDGET: \$</b>		<b>100,000.00</b>	
<b>ADDITIONAL FUNDING: \$</b>		<b>N/A</b>	
<b>RECOMMENDED ACTION</b>			
Authorize the execution of a contract with AIA Engineers Ltd. for a preliminary engineering report in support of the Sweetwater Reconstruction Project in a maximum amount of \$100,000.00.			

## EXECUTIVE SUMMARY

Due to the extensive maintenance history on Sweetwater Boulevard between US59 and Austin Parkway, it has been determined that a Preliminary Engineering Report be conducted in order to best understand the issues and present the recommended plan of action for rehabilitation. Issues related to the road include deteriorating pavement surface, a decrease in ride quality, severe street ponding within the gutter line and an average daily traffic volume of 30,000 vehicles per day are all driving factors for this project.

Background information has been put together with maintenance history and the recent bridge inspection reports that were received from TxDOT. Through this evaluation staff and the consultant will be able to identify what measures might need to be taken for this section and whether or not rehabilitation or reconstruction might be required for portions or the road in its entirety.

The Engineering Department recently advertised a project specific request for statements of qualifications for this project with the intent of selecting an engineering firm to complete a preliminary engineering report and ultimately final design phase services. The purchasing department received a total of thirty-four, (34) submittals in response to the request. A selection committee comprised of members from the Engineering, Public Works, Parks, and Purchasing Departments reviewed and scored each submittal individually based on criteria established in the request for qualifications. In addition, the top three firms were scheduled for presentations and interviews for the committee to further evaluate each team. At the completion of the process, the committee recommends AIA Engineers for the Sweetwater Boulevard project.

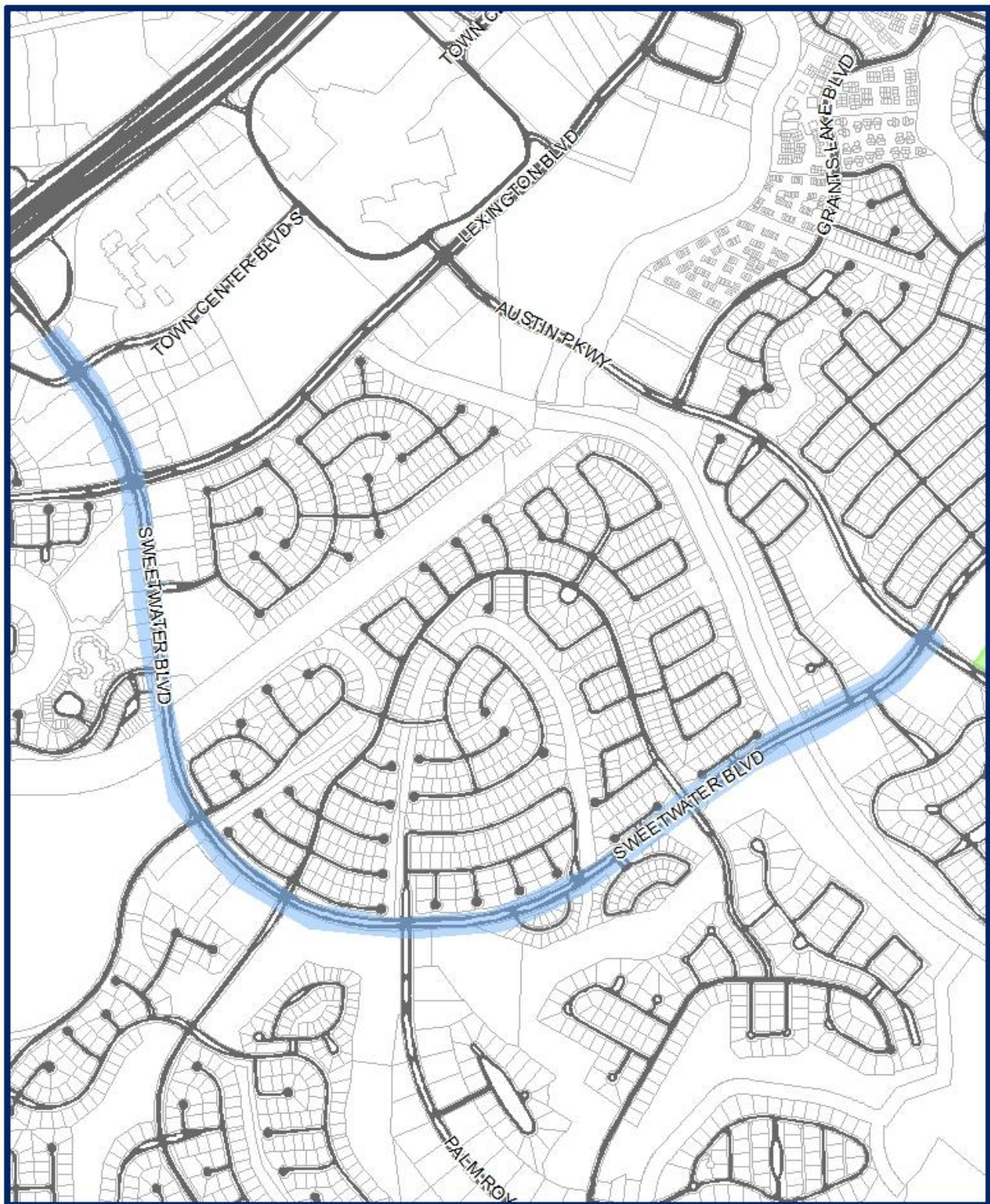
AIA Engineers has submitted a proposal to prepare a preliminary engineering report including exhibits outlining the results of their investigations. The scope shall include the following but is not limited to;

- Roadway Geometry
- Traffic Control
- Drainage Analysis
- Storm and Sanitary Sewer Assessment
- Bridge Analysis
- Geotechnical Investigations
- Tree Protection Measures
- Traffic Signal Modifications
- Pedestrian/Bike Elements
- Stakeholder Meetings
- Preliminary detailed Cost Estimates

The Engineering Department has negotiated the above scope of work with AIA Engineers Ltd. for a fee not to exceed \$100,000.00 with scheduled completion by September. There is currently \$100,000.00 available in CIP ST1205 Sweetwater Reconstruction for the preliminary design work. Construction is pending funding in a future year CIP budget.

The Engineering Department recommends that the City Council authorize the execution of a contract with AIA Engineers in a maximum amount of \$100,000.00.

## EXHIBITS



# SWEETWATER BLVD. P.E.R.

LEGEND  
 CITY OF SUGAR LAND - STU CITY OF SUGAR LAND - STU CITY OF SUGAR LAND - STU

March, 2012





**CITY OF SUGAR LAND STANDARD CONTRACT  
FOR PROFESSIONAL ENGINEERING DESIGN  
SERVICES FOR CITY FACILITIES**  
Over \$50K - Form Revised 3/1/10

**I. General Information and Terms.**

Engineer's Name and Address: AIA Engineers Ltd.  
15310 Park Row  
Houston, TX 77084-2887

Project Description: Sweetwater Boulevard Reconstruction Project--  
Preliminary Engineering Report

Maximum Contract Amount: \$100,000

Effective Date: On the latest date of the dates executed by both parties.

Termination Date: (See III F)

Contract Parts: This Contract consists of the following parts:

- I. General Information and Terms
- II. Signatures
- III. Standard Contractual Provisions
- IV. Additional Terms or Conditions
- V. Additional Contract Documents

**II. Signatures.** By signing below, the City and the Engineer agree to the terms of this Contract.

**CITY OF SUGAR LAND**

\_\_\_\_\_  
City Manager or Assistant City Manager

Date: \_\_\_\_\_

Reviewed for Legal Compliance:

*Eugenia A. Carr*

**ENGINEER:**

By: \_\_\_\_\_

Date: 2/28/2012

March 15, 2012

City of Sugar Land  
2700 Town Center Blvd. N.  
Sugar Land, Texas 77479

Attn: Ross Woodfin  
Sr. Project Manager

**Re: Sugar Land Sweetwater Project**  
Job No.: TX2196-00

Dear Mr. Woodfin:

AIA Engineers, Ltd. is pleased to provide engineering services for the above referenced project for a fee of \$100,000.00. The scope and level of effort for providing the required engineering and design services for this project are shown in the attached documents. The project basically entails preparing a Preliminary Engineering Report outlining the recommended improvements to Sweetwater Blvd between Austin Parkway and US 59 (approximately Town Center Blvd.) to include documenting the existing conditions, proposed criteria, design options, pedestrian elements, traffic control phasing, tree protection and construction costs to allow the City to make the necessary budget appropriations. The scope also includes televising the existing storm sewer.

We look forward to the opportunity to work with you on this important project for the City of Sugar Land. If you have any questions or need additional information, please call me at (281) 493-4140 ext. 254 or email [jkruse@aiainc.com](mailto:jkruse@aiainc.com).

Sincerely,  
**AIA Engineers, Ltd.**

  
for Janice E. Kruse, PE  
Project Manager

Attachments: Scope  
Level of Effort